Index of Claims

Rejected

Allowed

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 10/620,470 | CLARK, LAWRENCE T. |
| Examiner | Art Unit |

- (Through numeral)
Cancelled

Non-Elected

I Interference

James F. Sugent

A Appeal
O Objected

2116

| Claim Date IEU JO 00 1 | | | | | | | <u> </u> | | • | | _ | |
|---|--------------|----------|--|---------------|---------------------------------------|--------------|--|--------------|----------|--|--|---|
| 1 | Cla | im | Date | | | | | | | | | |
| 6 | Final | Original | 10/28/06 | 4/29/07 | 11/7/07 | | | | | | | |
| 6 | | 1 | 1 | 1 | 1 | | | | | | | |
| 6 | | 2 | 1 | 1 | V | | | | | | | |
| 6 | | 3 | V | 1 | V | | | | | | | |
| 6 | | 4 | 1 | 1 | V | | | | | | | ŀ |
| 9 | | 5 | 1 | | \ | | | | | | | ĺ |
| 9 | | 6 | 1 | 1 | <u> </u> | | _ | | | | _ | |
| 9 | | | 1 | ٧ | V | | | | | | | |
| 11 | | 8 | | - | - | \vdash | _ | | | | _ | |
| 11 | | | V J | V | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | | | | | _ | | |
| 15 | | 10 | 1 | | <u> </u> | | | - | _ | _ | - | |
| 15 | | 12 | J | | Ē | - | | \vdash | | - | - | |
| 15 | | 13 | ij | J | = | | | \vdash | | - | | |
| 15 | — | 14 | ij | Ì | ╘ | <u> </u> | Н | \vdash | - | \vdash | \vdash | |
| 21 V 22 V = = 23 23 24 24 25 26 27 28 29 29 30 31 31 32 33 33 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37 | | 15 | V | 1 | = | | \vdash | | | H | \vdash | |
| 21 V 22 V = = 23 23 24 24 25 26 27 28 29 29 30 31 31 32 33 33 34 35 36 37 37 37 37 37 37 37 37 37 37 37 37 37 | | 16 | 1 | 1 | - | | \vdash | 1 | | | | ĺ |
| 21 V | | 17 | V | 1 | = | | | Г | _ | | | |
| 21 V | | 18 | 1 | = | = | | | | | | | |
| 21 V | | 19 | | = | = | | | | | | |] |
| 34 35 36 37 | | 20 | | = | = | | | | | | | |
| 34 35 36 37 | | 21 | 1 | - | - | | | <u></u> . | | L | _ | 1 |
| 34 35 36 37 | | 22 | V | = | = | | $ldsymbol{ld}}}}}}$ | | | _ | <u> </u> | Į |
| 34 35 36 37 | ļ | 23 | <u> </u> | | | L | <u> </u> | | | <u> </u> | _ | Į |
| 34 35 36 37 | | 24 | L. | - | ļ | <u> </u> | <u> </u> | <u> </u> | _ | | <u> </u> | 1 |
| 34 35 36 37 | <u> </u> | 25 | <u> </u> | | | ┢ | <u> </u> | _ | _ | ├ | | ł |
| 34 35 36 37 | <u> </u> | 26 | ├ | - | ⊢ | ⊢ | - | | _ | ┝ | | ł |
| 34 35 36 37 | | 20 | | | 1 | ┢ | - | | | ⊢ | | ł |
| 34 35 36 37 | | 20 | \vdash | | ├ | - | | \vdash | - | | | ł |
| 34 35 36 37 | <u> </u> | 30 | ┢ | - | ╁┈ | \vdash | \vdash | - | \vdash | ┢ | | 1 |
| 34 35 36 37 | | 31 | \vdash | | ╫ | | <u> </u> | \vdash | | - | | |
| 34 35 36 37 | | 32 | l | | Т | ┪ | | T | \vdash | _ | | |
| 34 35 36 37 | | 33 | | | | | | | | | | 1 |
| 36 37 | | 34 | | | | | | | | | | |
| 36 37 | | 35 | | | | | | | | | _ | |
| 37 38 39 | | 36 | | | ļ | | _ | <u> </u> | | _ | <u> </u> | |
| 38 39 | | 37 | <u> </u> | L_ | _ | | Ŀ | | <u> </u> | _ | <u> </u> | |
| 39 | | 38 | <u> </u> | _ | <u> </u> | <u> </u> | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | 1 |
| | | 39 | ┡ | | | | ├ | <u> </u> | | | _ | ł |
| 40 | <u> </u> | | \vdash | - | \vdash | | _ | \vdash | - | | - | 1 |
| 41 42 | | | - | \vdash | | | ┢ | \vdash | | | \vdash | 1 |
| 43 | | | | | Ë | | | | \vdash | - | \vdash | 1 |
| 43 44 | <u> </u> | | \vdash | \vdash | \vdash | 1 | H | \vdash | \vdash | - | | 1 |
| 45 | - | | \vdash | - | | \vdash | | \vdash | | \vdash | \vdash | 1 |
| 46 | — | | | | \vdash | \vdash | | \vdash | \vdash | | | 1 |
| 47 | | | t | \vdash | | † | Т | | Γ | | | 1 |
| 48 | | 48 | Γ | | | | | | | | |] |
| 49 | | 49 | | | | | | | | | |] |
| 50 | | 50 | Ĺ | | | | | | <u> </u> | | | |

| E E | Cla | Date | | | | | | | | | |
|---|----------|------|--------------|--|--|--------------|--|--|--|--|--------------------|
| 51 52 53 54 55 56 56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | | | | | | | | | | |
| 51 52 53 54 55 56 56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | <u></u> | пa | | | | | | | | | |
| 51 52 53 54 55 56 56 57 58 59 60 61 62 63 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ا ي | iĝi | | | | | | | | | |
| 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | ١ - | ō | | | | | | | | | |
| 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | <u> </u> | E4 | | | | | - | | | | H |
| 54 55 56 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 51 | _ | _ | | | _ | | | | |
| 54 55 56 57 58 59 60 61 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 52 | | _ | _ | | | | | _ | Ш |
| 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 99 | | 53 | | | _ | _ | | | | | |
| 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 54 | _ | | | | | | | | |
| 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 55 | <u>L</u> . | | _ | _ | | | | | |
| 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 56 | | | | | | | | | |
| 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 57 | | | | | | | | | |
| 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 99 90 91 92 93 94 95 96 97 98 99 | | 58 | | | | | | | • | | |
| 60 61 62 63 64 65 66 67 68 69 70 71 72 73 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 99 90 91 92 93 94 95 96 97 98 99 | | 59 | | Г | | | | | | | |
| 61 | | 60 | | | | | | | | | |
| 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 61 | | ┢ | | | - | | _ | | \vdash |
| 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | \vdash | 62 | \vdash | \vdash | ├─ | | \vdash | H | _ | | \vdash |
| 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | \vdash | 63 | \vdash | \vdash | | - | - | \vdash | _ | _ | \vdash |
| 66 67 68 68 69 70 70 71 71 72 72 73 74 75 76 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 88 89 90 91 91 92 93 94 95 96 97 98 99 99 | | 64 | ⊢ | | | \vdash | \vdash | \vdash | | - | Н |
| 66 67 68 68 69 70 70 71 71 72 72 73 74 75 76 76 77 78 78 79 80 81 81 82 83 84 85 86 87 88 88 89 90 91 91 92 93 94 95 96 97 98 99 99 | ⊢— | 04 | | - | ⊢ | \vdash | | | — | \vdash | \vdash |
| 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | <u> </u> | 00 | | - | | \vdash | | | <u> </u> | <u> </u> | H |
| 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 66 | <u> </u> | | <u> </u> | _ | <u> </u> _ | _ | | | |
| 70 71 72 73 74 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 67 | <u> </u> | | _ | | <u> </u> | <u> </u> | _ | _ | H |
| 70 71 72 73 74 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 68 | | | _ | ldash | | _ | | | <u> </u> |
| 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | L | 69 | <u> </u> | | _ | <u> </u> | <u> </u> | | | ļ | |
| 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 70 | | | | | _ | L | | <u> </u> | _ |
| 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 71 | L | | | | | | _ | L | L. |
| 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 72 | L | | L | | L | | | | 匚 |
| 75 76 76 77 78 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 94 95 96 97 98 | | 73 | | | Ŀ | _ | _ | | | <u></u> | _ |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 94 95 96 97 98 | | 74 | | | _ | _ | L | | | | |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 94 95 96 97 98 | | 75 | | | | <u>L</u> | L | | | | <u> </u> |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 94 95 96 97 98 | | 76 | | | | <u> </u> | | | | | |
| 78 79 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 94 95 96 97 98 | | 77 | | | | | | | | | |
| 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 | | 78 | | | | | | | | | |
| 80 81 82 83 84 85 86 87 88 89 90 91 91 92 93 93 94 95 96 97 98 | | 79 | П | | | | | | | | |
| 81 82 83 84 85 86 87 88 89 90 91 92 93 93 94 95 96 97 98 | | 80 | Г | | | | | | | | Г |
| 83 84 85 86 87 88 89 90 91 92 93 93 94 95 96 97 98 | | 81 | Г | Т | Т | _ | | | Г | | |
| 83 84 85 86 87 88 89 90 91 92 93 93 94 95 96 97 98 | | 82 | | | Т | <u> </u> | | | Г | Г | |
| 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 83 | ┢ | _ | | | \vdash | | \vdash | \vdash | $	extstyle 	ag{7}$ |
| 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 | | 84 | t | | Т | \vdash | 1 | \vdash | \vdash | Т | \vdash |
| 86 87 88 89 90 91 92 93 94 95 96 97 98 | - | 85 | \vdash | 1 | 1 | \vdash | 1 | \vdash | | | t |
| 87 88 89 90 91 92 93 94 95 96 97 98 99 | - | 86 | \vdash | | | T | T | | | <u> </u> | \vdash |
| 88 89 90 90 91 91 92 93 93 94 95 96 97 98 99 99 | \vdash | 87 | \vdash | \vdash | \vdash | | ╁ | \vdash | \vdash | \vdash | \vdash |
| 89 90 91 92 93 94 95 96 97 98 99 | | 88 | - | | | | \vdash | | | \vdash | t |
| 90 91 92 93 94 95 96 97 98 99 | \vdash | 80 | - | \vdash | \vdash | | | ╁ | \vdash | | \vdash |
| 91 92 93 94 95 96 97 98 99 | | 00 | | \vdash | ╁ | | | \vdash | \vdash | - | |
| 92 93 94 95 96 97 98 99 | - | | - | \vdash | \vdash | \vdash | | - | \vdash | \vdash | \vdash |
| 93 94 95 96 97 98 99 | - | 91 | \vdash | | ⊢ | | | | - | - | \vdash |
| 94 95 96 97 98 99 | | 92 | ├ | ├- | ├ | ├ | ├ | \vdash | | | - |
| 95 96 97 98 99 | <u> </u> | | - | \vdash | ├ | - | - | | ├— | | ├— |
| 96 97 98 99 | ļ | 94 | \vdash | \vdash | ⊢- | | | <u> </u> | _ | <u> </u> | ₩ |
| 97 98 99 | <u></u> | 95 | | <u> </u> | <u> </u> | <u> </u> | ⊢ | | | ļ | <u> </u> |
| 98 99 | | | ļ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ļ | <u> </u> | ــــ |
| 99 | <u></u> | | ⊢ | _ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | — |
| | | 98 | — | | | | <u> </u> | <u> </u> | | _ | |
| 100 | | | | <u> </u> | <u> </u> | \vdash | <u> </u> | <u> </u> | ļ | <u> </u> | ـــــ |
| | L | 100 | | | | <u></u> | L | | | | L |

| Cla | aim | | | | (| Date | ? | | | |
|--------------|--|--|--|--|--|--|--|----------------|--|--|
| | | | | | | | | | | |
| a l | Original | | | | | | | | | |
| Final | į | | | | | | | | | |
| ш | ŏ | | | | | | | | | |
| | | | | | _ | _ | | | - | |
| | 101 102 | | | | <u> </u> | _ | | | _ | |
| | 102 | | | | _ | | | | \Box | |
| | 103 | | | | | | | | | |
| | 104 | | | | | | | | | |
| | 105 | | | | | | | | | |
| - | 106 | | | | Г | | | | | |
| | 107 | | $\overline{}$ | | | | | | $\overline{}$ | \neg |
| | 108 | - | - | \vdash | <u> </u> | | \vdash | _ | | |
| | 100 | \vdash | | - | _ | _ | - | | Н | \dashv |
| | 109 | | - | ┝ | | _ | _ | | | - |
| | 110 | \vdash | | <u> </u> | _ | - | | | | |
| | 111 | | _ | | _ | <u> </u> | | | _ | \dashv |
| | 112 | | | L. | <u> </u> | L | | | <u> </u> | |
| | 113 | | | L | | | _ | | | |
| | 114 | Ĺ | L | L | L | L | L | L | | |
| | 115 | | | Γ | | Γ | Γ | | | |
| | 116 | | | Г | 1 | ऻ | _ | | | |
| | 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 | _ | | T | \vdash | _ | \vdash | _ | | \vdash |
| | 118 | | \vdash | ╁ | - | ⊢ | - | - | - | \vdash |
| | 110 | - | | | | - | ┝ | | <u> </u> | ⊢⊢ |
| | 119 | ├— | <u> </u> | ⊢ | | | | | | \dashv |
| | 120 | ļ | _ | L | <u> </u> | | | | L_ | Щ |
| | 121 | <u></u> | | <u> </u> | | | | _ | L | |
| | 122 | L | _ | L | <u></u> | L | | | | |
| | 123 | l | | | | | L | | | |
| | 124 | Γ | Γ <u></u> | | | | | | | |
| | 125 | | | | Π | Π | | | | |
| | 126 | _ | | - | | | | | | |
| | 127 | \vdash | _ | ┰ | _ | - | | \vdash | ┢ | |
| - | 120 | \vdash | | ┢ | ┢ | - | - | \vdash | ┢ | |
| | 120 | | | | - | ├ | | - | ┝ | ├─┤ |
| | 129 | <u> </u> | _ | <u> </u> | | | <u> </u> | - | | - |
| | 130 | ļ | | <u> </u> | <u> </u> | Ь | <u> </u> | <u> </u> | _ | |
| | 131 | _ | _ | <u> </u> | <u> </u> | _ | <u> </u> | <u> </u> | <u> </u> | |
| | 132 | L | <u> </u> | <u> </u> | | _ | _ | L_ | <u> </u> | |
| | 133 | | <u> </u> | l | | | | | | |
| | 134 | | | | | Ī | | | _ | |
| | 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 | Ī | | | | | | | _ | |
| | 136 | Т | | | | \Box | Г | | 1 | |
| | 137 | _ | - | | | | | \vdash | \vdash | _ |
| | 137 138 139 | - | \vdash | ┢ | \vdash | | | \vdash | \vdash | |
| | 130 | \vdash | \vdash | ├ | | ┰ | | | ├- | - |
| | 139 | ├ | | ├— | | ├ | \vdash | \vdash | \vdash | \vdash |
| | 140 | <u> </u> | _ | <u> </u> | <u> </u> | ┞. | | | <u> </u> | <u> </u> |
| <u> </u> | 141 | <u> </u> | | | | |
| | 142 | <u> </u> | | <u> </u> | <u> </u> | L. | | <u> </u> | L. | L |
| L | 143 | \Box | | | L | L | L | | L | لــــا |
| | 144 | | | | | | | | | |
| | 145 | | Г | 1 | | 0 | - | <u> </u> | Г | |
| | 146 | ! | | | 1 | Т | 1 | I^- | | |
| \vdash | 147 | - | | | \vdash | \vdash | \vdash | \vdash | \vdash | |
| | 148 | ₩ | \vdash | \vdash | \vdash | \vdash | | - | ╁ | - |
| | | ₩ | \vdash | \vdash | ├- | ├ | | - | | - |
| | 149 | ├ | <u> </u> | | - | ⊢ | ⊢ | \vdash | ₩ | \vdash |
| L | 150 | <u> </u> | | <u> </u> | L. | L | Щ | <u> </u> | <u> </u> | |
| | | | | | | | | | | |